

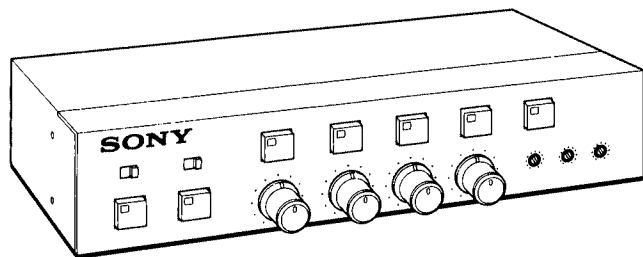
Remote Control Unit **UVR-60/60P**

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

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WARNING

For the customers in the USA

WARNING

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

For the customers in Canada

This apparatus complies with the Class A limits for radio noise emissions set out in Radio Interference Regulations.

Pour les utilisateurs au Canada

Cet appareil est conforme aux normes Classe A pour bruits radioélectriques, spécifiés dans le Règlement sur le brouillage radioélectrique.

Bescheinigung des Herstellers/Importeurs

Hiermit wird bescheinigt, daß die Fernbedienung UVR-60P in Übereinstimmung mit den Bestimmungen der BMPT-Amtsblatt Vfg 243/1991 und Vfg 46/1992 funktentstört ist. Der vorschriftsmäßige Betrieb mancher Geräte (z.B. Meßsender) kann allerdings gewissen Einschränkungen unterliegen. Beachten Sie deshalb die Hinweise in der Bedienungsanleitung. Dem Bundesamt für Zulassungen in der Telekommunikation wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf die Einhaltung der Bestimmungen eingeräumt.

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Hinweis:

Gemäß der Amtsblätter des BMPT Nrn. 61/1991 und 6/1992 wird der Betreiber darauf aufmerksam gemacht, daß die von ihm mit diesem Gerät zusammengestellte Anlage auch den technischen Bestimmungen dieser Amtsblätter genügen muß.

Precautions

On Safety

- The power is supplied to the unit from the VCR connected to it.
- Do not bend the supplied remote control cable forcibly or place heavy objects on it, or damage it in any way. Never operate the unit with a damaged cable.
- To disconnect the cable, pull it out by the plug. Never pull the cable itself.
- To avoid electrical shock, do not open the cabinet.
- Should any solid object or liquid fall into the cabinet, have it checked by qualified personnel before operating it any further.

On Installation

Do not place the unit in a location subject to:

- vibration.
- high humidity.
- excessive dust.
- direct sunlight.
- extremely high or low temperatures.

On Cleaning

Clean the cabinet, panel and controls with a dry, soft cloth, or a soft cloth slightly moistened with a mild detergent solution. Do not use any type of solvent, such as alcohol or benzine, which might damage the finish.

If you have any questions or problems concerning your unit that are not covered in this manual, please consult your nearest Sony dealer.

Introduction

The UVR-60/60P is a remote control unit for the time base corrector ("TBC" hereinafter) built in a Betacam series VCR or a Hi8 series VCR. It also controls the digital noise reducer remotely.

The UVR-60 is a model for the NTSC color system, and the UVR-60P for the PAL color system.

Controllable units

Model number with (P): for UVR-60P

- Betacam series VCRs:
PVW-2800(P), PVW-2650(P), PVW-2600(P),
UVW-1800(P), UVW-1600(P)
and their succeeded models having a built-in TBC.
- Hi8 series VCRs:
EVO-9850(P)
and its succeeded models having a built-in TBC.
- Other VCRs having a built-in TBC and a REMOTE connector.

Controllable functions

O : Possible to control X : Not possible to control

UVR-60	UVR-60P	PVW series	UVW series	EVO series
VIDEO	VIDEO	O	O	O
CHROMA	CHROMA	O	O	O
SET UP	BLACK LEVEL	O	O	O
HUE	BURST/ CHROMA	O	O	O
Y/C DELAY*	Y/C DELAY*	O	O	X
SYNC PHASE	SYNC PHASE	O	O	O
SC PHASE	SC PHASE	O	O	O
FREEZE	FREEZE	X	X	O
NOISE REDUCTION	NOISE REDUCTION	X	X	O

* Even if the VCR connected to this unit does not have the function to control the Y/C DELAY, the Y/C DELAY PRESET indicator lights up when you press the Y/C DELAY PRESET button.

Preset function

The controls other than SYNC PHASE and SC PHASE have a preset level. As long as the indicator on the PRESET button is lit, the corresponding control is adjusted to the default level automatically.

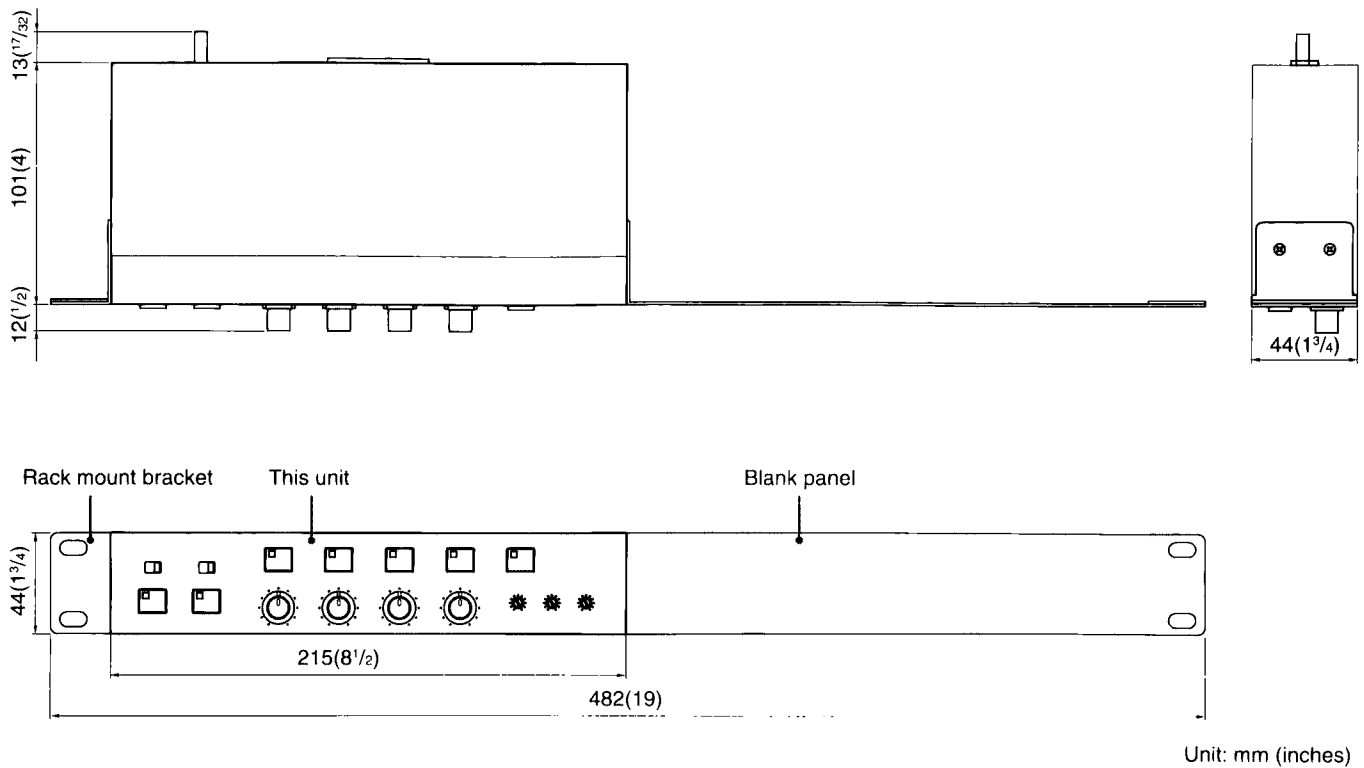
Button with an indicator

Each button has an indicator which helps you operate the unit under low light conditions.

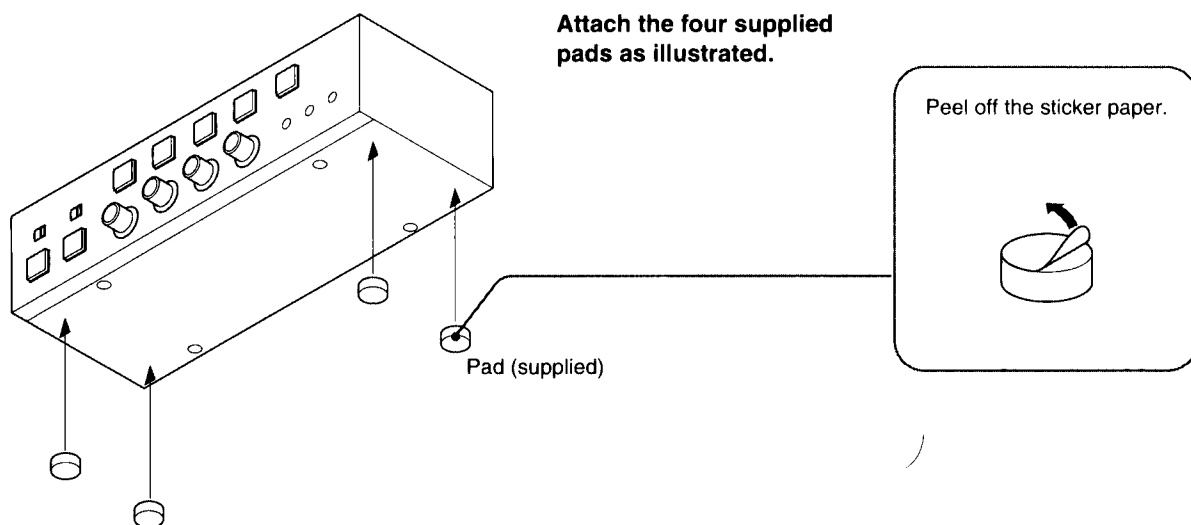
3-way rack mounting

The unit can be installed into a 19-inch standard rack in three ways. For details, refer to page 5.

Dimensions



Placing the Unit on a Shelf, etc.

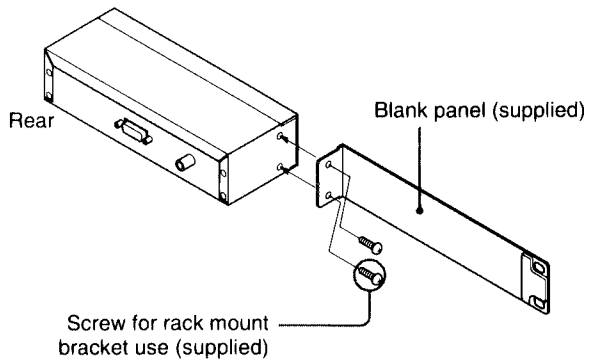


Installing the Unit into a Rack

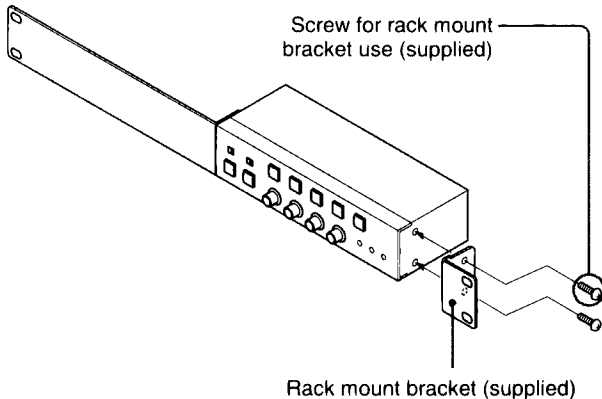
When Installing One UVR-60/60P into a Rack

You can install the unit either on the left or right of the rack. We will describe how to install the unit on the right as you face the rack.

- 1** Fix the unit and the blank panel with two of the supplied screws for rack mount bracket use.

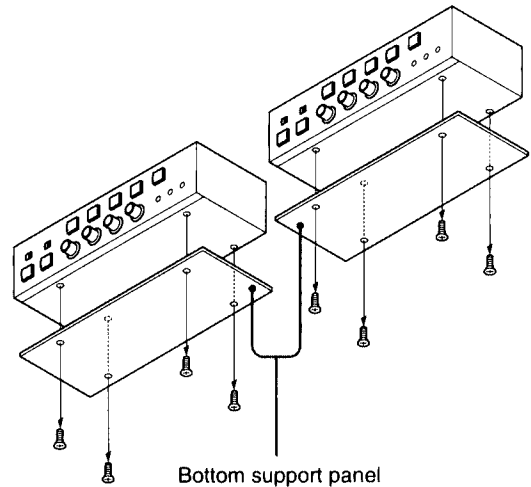


- 2** Attach the rack mount bracket to the unit with two of the supplied screws for rack mount bracket use.

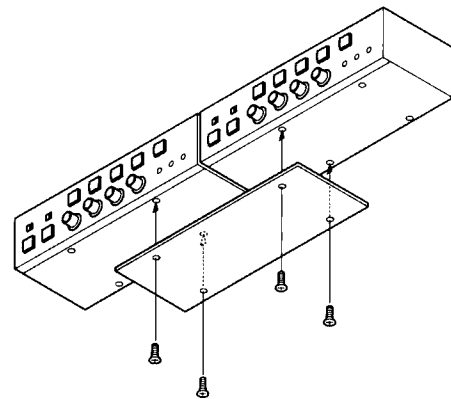


When Installing Two UVR-60/60P Units into a Rack

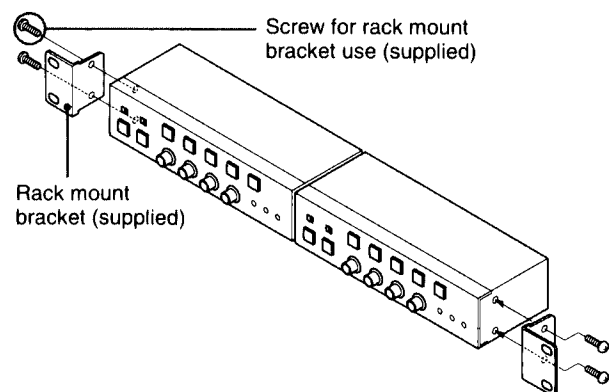
- 1** (For both units) Unscrew the four screws from the bottom support panel and remove the panel.



- 2** Fix the two units with the removed screws and the panel as illustrated.



- 3** Attach the rack mount brackets to the units with the four supplied screws for rack mount bracket use.

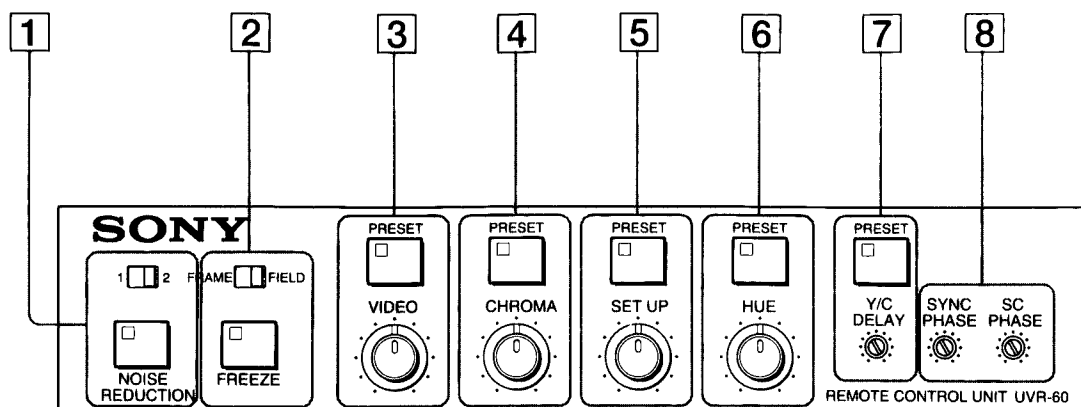


Note

When attaching the supplied rack mount bracket, make sure to use the supplied screws for rack mount bracket use.

Location and Function of Parts and Controls

Front Panel (The illustration is that of the UVR-60.)



1 NOISE REDUCTION button and mode selector

As long as the indicator on the button is lit, the noise reduction function operates.

While watching the playback picture, set the mode selector to position "1" or "2" whichever provides the preferable noise reduction level.

1 : Noise reduction effect is weak.

2 : Noise reduction effect is strong.

2 FREEZE button and mode selector

As long as the indicator on the button is lit, the playback picture freezes.

Set the mode selector to "FRAME" or "FIELD" to choose the mode of the frozen picture.

FRAME : The playback picture freezes as a frame image.

FIELD : The playback picture freezes as a field image.

3 VIDEO control and PRESET button

You can control the video level of the output video signal.

As long as the indicator on the PRESET button is lit, the video level of the output video signal is controlled to the default level.

The controls 4 - 7 also have preset levels. As long as the indicator on the PRESET button is lit, the corresponding control is adjusted to the default level.

4 CHROMA control and PRESET button

You can control the chroma level of the output video signal.

5 SET UP control and PRESET button (BLACK LEVEL control and PRESET button)

You can control the direct current level of the output video signal.

6 HUE control and PRESET button (BURST/CHROMA control and PRESET button)

You can control the hue of the output video signal.

7 Y/C DELAY control and PRESET button

You can adjust the Y/C delay level.

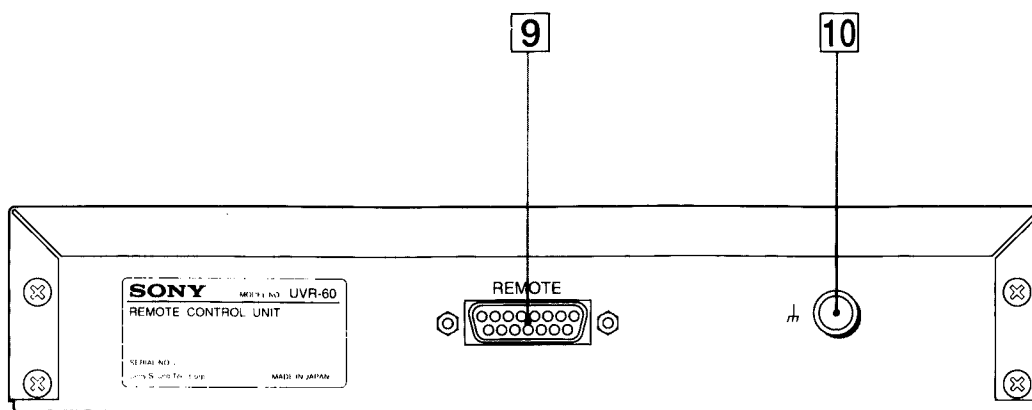
8 SYNC PHASE control and SC PHASE control

- You can adjust precisely the phase of the output video signal to that of the reference signal.
- You can adjust the phase of the output video signal while giving your recording special effects such as fade-in, fade-out and dissolving effects by using an editing machine or two VCRs or more.

SYNC PHASE control: You can adjust the sync phase of the output video signal.

SC PHASE control: You can adjust sub-carrier phase of the output video signal.

Rear Panel (The illustration is that of the UVR-60.)



9 REMOTE connector

Connect to the TBC REMOTE or REMOTE connector of the VCR, using the supplied remote control cable.

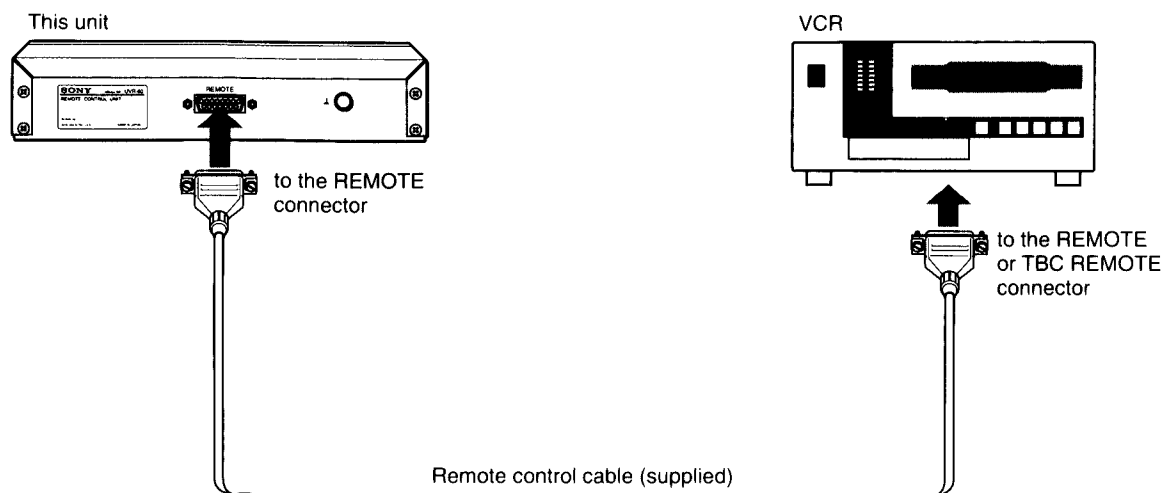
10 $\hbar$ ground terminal

Connect a grounding wire.

- For the adjusting range of controls **3** - **8**, refer to the operation manual of the equipment connected to this unit.
- For the controls **5** and **6**, names in parentheses are for the UVR-60P.

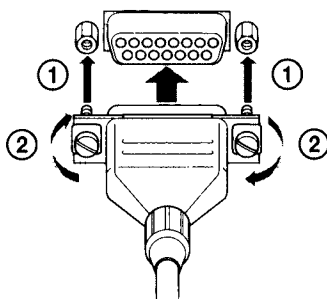
Making Connections

- Turn off the power of the VCR connected to this unit before making any connection.
- If the VCR connected to this unit has a REMOTE/LOCAL selector, set it to "REMOTE".



How to connect the connectors

- ① Insert the connectors to the REMOTE connector on this unit and the REMOTE or TBC REMOTE connector on the VCR
- ② Fasten the screws to fix the connectors.



Specifications

Power requirements	DC (supplied from the VCR connected to this unit)
Power consumption	± 35 mA
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	–20°C to +60°C (–4°F to 140°F)
Mass	Approx. 1.3 kg (6 lb 10 oz)
Dimensions	Approx. 215 x 44 x 101 mm (w/h/d) (8 1/2 x 1 3/4 x 4 inches) not including projecting parts and controls
Supplied accessories	Remote control cable (5 m) (196 7/8 inches) x 1 Blank panel x 1 Rack mount bracket x 1 Screw for rack mount bracket use x 4 Pad x 4

Design and specifications are subject to change without notice.

Troubleshooting Guide

The unit does not operate when you press any button or turn any control.	• Are the connectors of the remote control cable inserted into the connectors on this unit and the VCR securely?
	• Is the POWER switch on the VCR set to ON?
	• Have you checked the function table on page 3?
	• Is the REMOTE/LOCAL selector on the built-in TBC of the VCR connected to this unit set to "REMOTE"? (for the VCRs having a REMOTE/LOCAL selector on a built-in TBC)
The unit does not operate correctly even though the indicator on the button is lit.	• Have you checked the function table on page 3?

